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(54) DETECTING VLAN MISCONFIGURATION

(57) Disclosed are methods for detecting misconfigured VLANs. In some embodiments, traffic on a VLAN across multiple access points is categorized. Traffic on the VLAN at a single access point is then also categorized. The categorization of the VLAN traffic at the single access point can be in response to, for example, communication errors or other conditions. The two categorizations are then compared to determine if the VLAN

traffic at the AP is consistent with the VLAN traffic across a network (e.g., an enterprise network). If the VLAN traffic at the AP is generally consistent with that across the network, this may indicate that a downstream network component, such as a switch or router, is misconfigured. Thus, some embodiments programmatically reconfigure the downstream component to forward traffic for the VLAN.

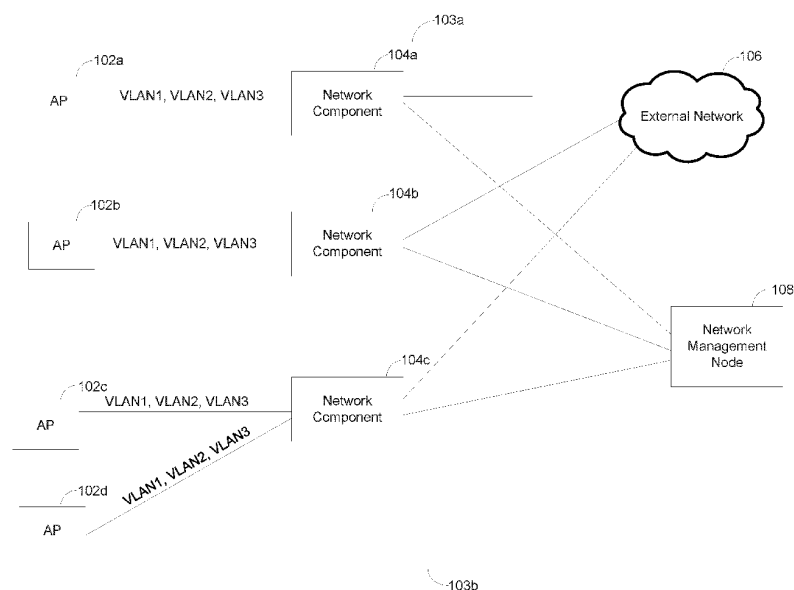


FIG. 1



EUROPEAN SEARCH REPORT

Application Number

EP 24 19 5400

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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Place of search Munich		Date of completion of the search 10 December 2024	Examiner Todorut, Cosmin
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ON EUROPEAN PATENT APPLICATION NO.

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5 This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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10 - 12 - 2024

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